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Amendment to the Claims:

1.-10. (Cancelled)

11. (Currently Amended) The method as set forth in claim ~~[[10]]~~ 16 wherein the vapor decontaminant includes hydrogen peroxide vapor.

12. (Currently Amended) ~~[[The]]~~ A method ~~as set forth in claim 11 further including: of decontaminating buildings comprising:~~

circulating hydrogen peroxide vapor through HVAC ductwork and associated rooms, the circulating including:

5 circulating the hydrogen peroxide vapor through the ductwork in one direction,

circulating the hydrogen peroxide vapor through the ductwork in an opposite direction, and

10 allowing the hydrogen peroxide vapor to dwell in the ductwork.

13. (Original) The method as set forth in claim 12 further including: automatically opening and closing baffles at registers between the HVAC ductwork and individual rooms.

14. (Original) The method as set forth in claim 13 further including: monitoring at least one of temperature, flow velocity, and vapor concentration; and

5 controlling the opening and closing of the baffles in accordance with the monitoring.

15. (Currently Amended) The method as set forth in claim ~~[[10]]~~ 12 further including:

creating turbulent flow in the ductwork.

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16. (Currently Amended) ~~[[The]]~~ A method as set forth in claim 10 wherein of decontaminating buildings comprising:

- circulating a vapor decontaminant through HVAC ductwork and associated rooms, the HVAC ductwork ~~includes~~ including a plurality of independent  
5 HVAC ductwork subsystems~~[[,]]~~ ~~the method further including~~~~[[:]]~~;

decontaminating HVAC subsystems more remote from a contamination site within the building and progressively decontaminating HVAC subsystems closer to the contamination site.

17. (Currently Amended) ~~[[The]]~~ A method as set forth in claim 10, further including of decontaminating buildings comprising:

- connecting a temporary baffle with the ductwork; ~~and~~  
circulating a vapor decontaminant through HVAC ductwork and  
5 associated rooms;

controlling the temporary baffle to control the flow of vapor decontaminant from the ductwork to at least one of the rooms and regions of rooms.

18-19. (Cancelled)

20. (New) The method as set forth in claim 12, wherein the circulating includes:

alternately circulating the hydrogen peroxide vapor in the one direction and then the opposite direction through the ductwork.

21. (New) The method as set forth in claim 11, wherein the ductwork includes a plurality of ducts and the circulating step includes:

circulating the hydrogen peroxide vapor alternately in the one direction and the opposite direction in each duct of the plurality of the ducts.

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22. (New) The method as set forth in claim 16, further including:  
automatically adjusting baffles located at least one of within the ductwork  
and at registers of the ductwork remotely to control the circulating of the  
decontaminant vapor.

23. (New) The method as set forth in claim 16, further including:  
circulating the vapor contaminant alternately in one direction and then in  
an opposite direction through the HVAC subsystems ductwork.

24. (New) The method as set forth in claim 16, further including:  
controlling the circulating of the vapor decontaminant to create turbulent  
flow in the ductwork.

25. (New) The method as set forth in claim 16, further including:  
stopping the circulating of the vapor decontaminant through the HVAC  
subsystems ductwork and allowing the hydrogen peroxide vapor to dwell in the  
ductwork;

5 recommencing circulation of the vapor decontaminant.

26. (New) The method as set forth in claim 25, wherein the vapor  
decontaminant is circulated in one direction prior to dwelling in the ductwork and  
circulated in an opposite direction after dwelling in the ductwork.

27. (New) The method as set forth in claim 17, wherein the  
temporary baffle is controlled remotely.

28. (New) The method as set forth in claim 17, wherein the  
temporary baffle is mounted within the ductwork.

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29. (New) The method as set forth in claim 28, further including:  
installing a plurality of baffles within the ductwork to divide the ductwork into a plurality of HVAC subsystems, some of the subsystems being closer to a decontamination site than other HVAC subsystems;
- 5 controlling the baffles to decontaminant the HVAC subsystems and associated rooms which are more remote from the contamination site first, and then progressively decontaminating HVAC subsystems and their associated rooms which are closer to the contamination site.
30. (New) The method as set forth in claim 29, further including:  
after decontaminating the HVAC ductwork and the associated rooms, removing the baffles and using the HVAC ductwork to heat/cool the associated rooms.
31. (New) The method as set forth in claim 17, wherein the circulating step includes alternating circulating the vapor decontaminant in one direction through the HVAC ductwork and then in an opposite direction through the HVAC ductwork.
32. (New) The method as set forth in claim 30, further including:  
intermittently ceasing circulation of the vapor decontaminant through the HVAC ductwork, permitting the vapor decontaminant to dwell in the HVAC ductwork, and then recommencing circulation of the vapor decontaminant through the
- 5 HVAC ductwork.